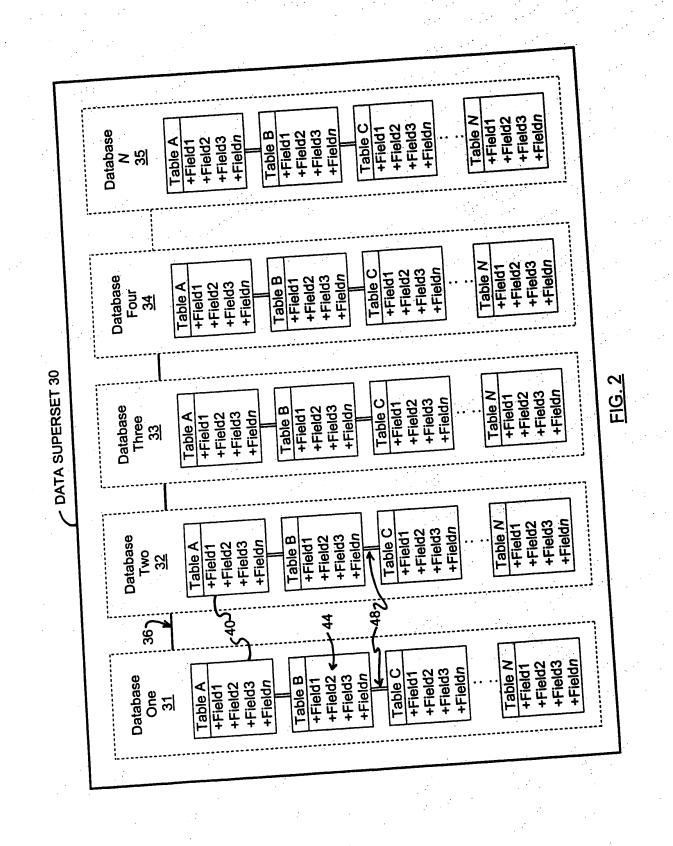


Title: Data Structure and Management System for A Superset of Inventor(s): Timothy C. Owens, Bruce E. Harrison Application No:
Atty Dkt No: 018360/246794



Title: Data Structure and Management System for A Superset of Relational Databases Inventor(s): Timothy C. Owens, Bruce E. Harrison Application No:
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Application No:

Atty Dkt No: 018360/246794

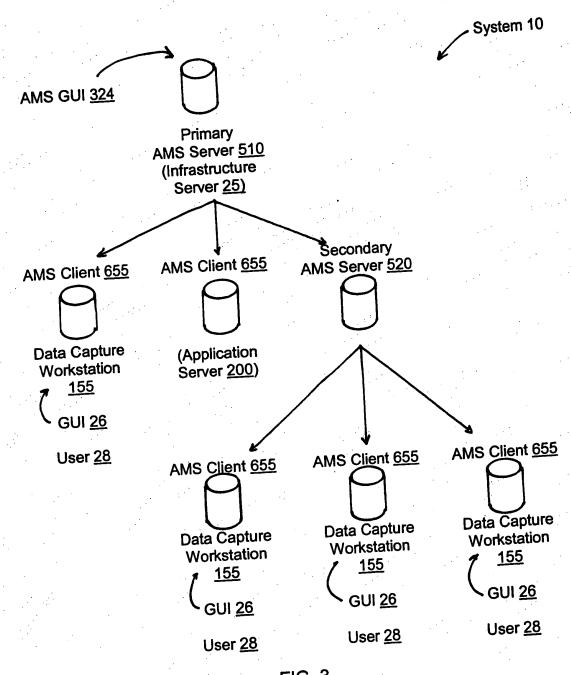


FIG. 3

Title: Data Structure and Management System for A Superset of Relational Databases
Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No: Atty Dkt No: 018360/246794

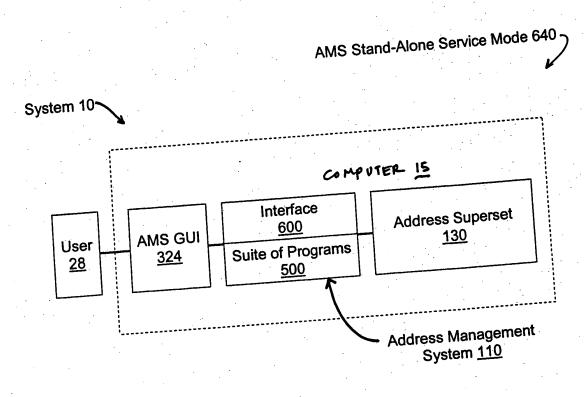


FIG. 4

Title: Data Structure and Management System for A Superset of

Relational Databases

Inventor(s): Timothy C. Owens, Bruce E. Harrison

FIELDS

(row i, column j)

Row 1

Row 2

Row 3

Row 4

Application No:

Record 42

Atty Dkt No: 018360/246794

Table 40 Field 44 Column Column Column 3 2 Field (1,3) Field (1,2) Field (1,1) Field (2,3) Field (2,2) Field (2,1) Field (3,3) Field (3,2)

Field (4,2)

Field (4,3

FIG. 5

Field (3,1)

Field (4,1)

Value 46 7

		1	· · · ·
VALUES	Column	Column 2	Column 3
Row 1	0	Smith	0
Row 2	0	0	0
	27	0	0
Row 3	19	0	260B
Row 4	19	ــــــــــــــــــــــــــــــــــــــ	

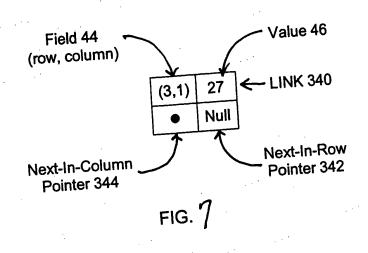
FIG. 6

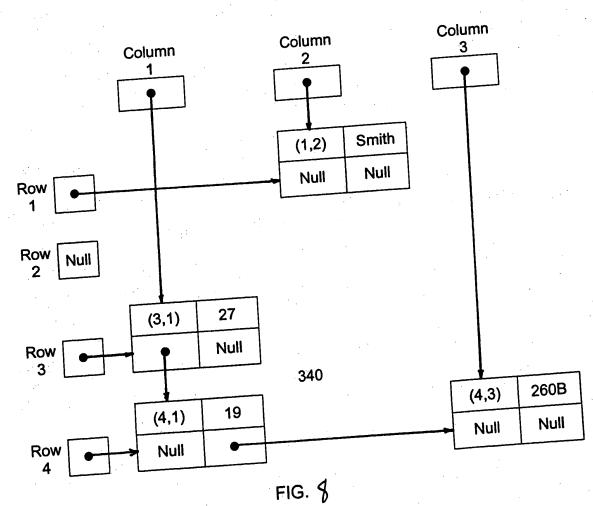
Title: Data Structure and Management System for A Superset of

Relational Databases

Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No: Atty Dkt No: 018360/246794

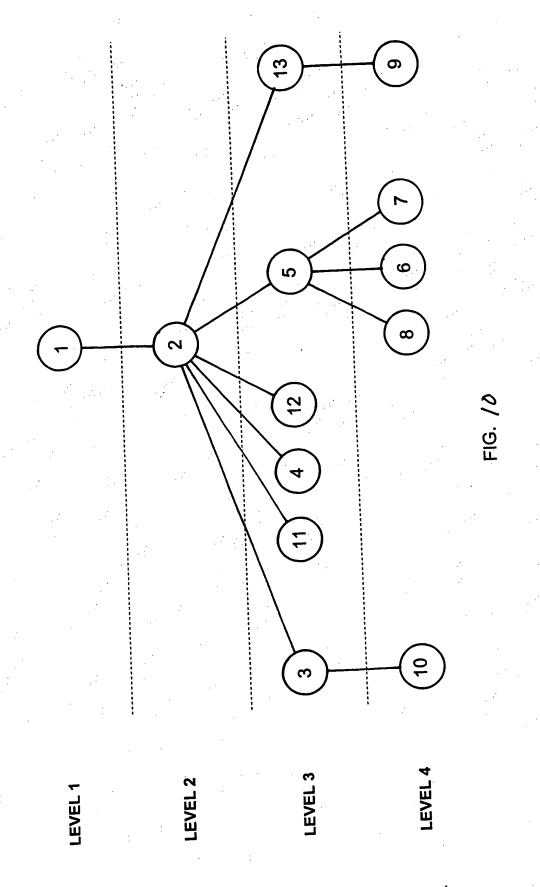




Postal Preferred Table 141.1

+4	2028 2028 2028 2028 2017 2017 2080 2080 2085 2042 2042
Ħ	400 430C 600 600 600 500 800 430B 450 800
Lo	100 430C 500 600 600 800 800 430A 450 800
Sec	STE STE STE STE STE STE STE STE STE STE
	MTE
Consignee	APC AM POLLING C NORCO PLEXTON ACME CORP
Odd/ Even	
Hi	498 440 440 440 440 440 440 440 9 440 9 440
Lo	440 440 440 440 440 440 440 440 440 440
Type	ST S
Street	FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST FIRST
Token	T1 T2 T3 T4 T5 T6 T7 T10 T10
Zip	20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001
Node	

Title: Data Structure and Management System for A Superset of Relational Databases
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		~ œ	, ∞	53	2 2	2028 2042	2028	2030	2017	2043	2080	
+4		2023	2028	2085		-					Ţ.	. 15. 15
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Lo			001	310	430A	430C 450		7.55	009	3 800		
Sec			are are	STE	STE	STE		STE		STE	STE	
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mee			. **	RP		. • •	. •	. **	LING		Z O	
Consignee		. **	•	ACME CORP	, e *			NORCO	APC AM POLLING CMTE		PLEXTON	
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	Even	,四	田					440	440	5	440	FIG. /
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*	Street	FIRST	FIRST	FIRST	1 1100	FIRST	FIRST		FIRST	FIRST	FIRST FIRST	
	Zip	20001 I	20001		10007	20001	20001	20001	20001	20001	Level 3 20001 Level 4 20001	-
-		Level 1 2	Level 2		Level 4	Level 3	Level 3	Level 3	Level 4	Level 4	Level 3	
		<u></u>	<u></u>						T7 T.	9	T12	9
	TOKE	T1	T2	T3		T10		TS	<u> </u>	- F		
	NODE TOKEN LEVEL	—	7	m	10	11	4 7	Y.	ar ar	0 -	13	3

Title: Data Structure and Management System for A Supe set of Relational Databases
Inventor(s): Timothy C. Owens, Bruce E. Harrison
Application No:
Atty Dkt No: 018360/246794

Title: Data Structure and Management System for A Superset of Relational Databases

Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No:

Atty Dkt No: 018360/246794

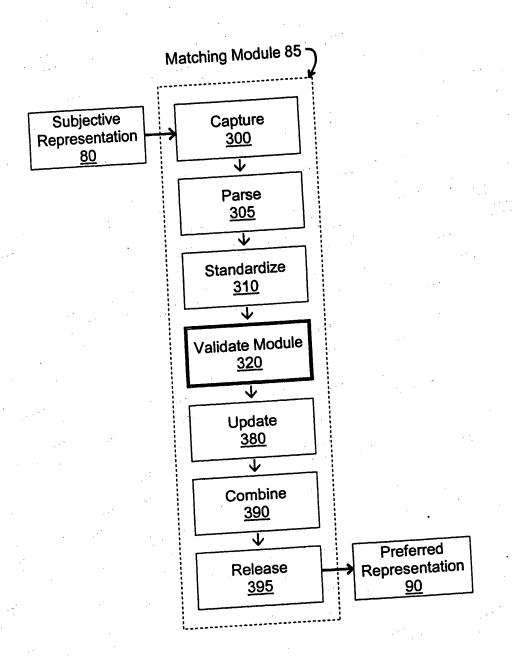


FIG. 12

Title: Data Structure and Management System for A Superset of Relational Databases
Inventor(s): Timothy C. Owens, Bruce E. Harrison

Application No: Atty Dkt No: 018360/246794

Alias	Street	Type	AS	AVE	7	עו	AVE	0	SAS	AVE	ו נ	11/1/	7		
	emcN +conto	Alias Street Ivanie	AVENUE OF THE AMERICAS		БТН		БТН		AVENUE OF THE AMERICAS		SIXTH	\neg	БТН	\neg	
		Type	, J	AVE							A/\F	1	1//	7 1	
		Street Name		БТН		AVENUE OF THE AMERICAS		AVENUE OF AMERICAS		AVENUE OF AMERICAS		ETH CTH		SIXTH	
142	*	ZIP Token		T4084		740045	410017	14081	14001		000	T4081		10015 T4081	
Street Alias Table 142				3,000	1001	1,00	10015 14001	1,00	1001	1007	1001	1004	CIOOL	4004	2
Street Ali	;	L		_1				7 2							